



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

217/782-3362

July 12, 1995

Mr. Kenneth Braig  
Riedel Environmental Services, Inc.  
18207 Edison Avenue  
Chesterfield, MO 63005-3703

Dear Mr. Braig:

Water quality criteria are enclosed for the several substances above detection level on your list. The criterion for 2-nitroaniline is estimated and could not be utilized directly to calculate effluent limits in a permit. If the effluent of your process did actually contain 2-nitroaniline at the level indicated in your analysis report, it is possible a bioassay might be required. However, once the Permit Section has reviewed your application for an NPDES permit, other factors may prevail. In particular, technology based limits for your treatment process would be applied.

<u>CAS #</u>		<u>Acute</u>	<u>Chronic</u>	<u>Human</u>	<u>Unit</u>
67-64-1	acetone	1.53	0.122	-	g/l
120-83-2	2,4-dichlorophenol	0.631	0.083	-	mg/l
88-74-4	2-nitroaniline	[2]	[0.2]	-	mg/l
84-66-2	diethylphthalate	-	-	30	mg/l

Sincerely,

Clark S. Olson  
Standards and Monitoring Support Unit  
Planning Section  
Division of Water Pollution Control

CSO:dls.braig